

Popular 80 Watt Digital Soldering Station Model WSD81i

upgraded version of earlier model WSD81

Weller®
Made in Germany

Easy operation:

Integrated, automatic processes and fewer operating requirements. No calibration needed (IPC compliant).

Rugged housing:

Made from high quality, tough, antistatic materials and low wear plug and socket connectors.

100% long-term performance:

Platinum sensor technology gives precise temperature accuracy and control. Compared to other stations, the WSD 81i offers temperature stability and accuracy without variation over time.

Scope of Supply

- PUD81i Power & Control Unit
- WSP80 Soldering Pencil
- LT-B Chisel Soldering Tip
- Support Rack with Cleaning Sponge

Specifications

- Temperature Range : 50°C - 450°C
- Temperature Accuracy : ± 2% of final value (±9°C)
- Leakage Resistance : < 2Ω (Tip to Ground)
- Leakage Voltage : < 2 mV (Tip to Ground)
- Digital Display : Set & Actual temperatures
- Input Supply : 230VAC, 50Hz



“ESD” Safe

Features

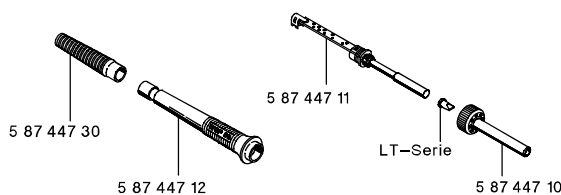
- Stand-By Temperature setting
- Temperature Switch-off Time setting
- Temperature Difference Offset setting
- Setback Time (0-99 minutes) setting
- Temperature Window can be defined

Various Soldering Tips, normally available ex-stock, for WSD81i Soldering Station

	LT H Soldering Tip 0.8 mm Chisel
	LT A Soldering Tip 1.6 mm Chisel
	LT B Soldering Tip 2.4 mm Chisel
	LT C Soldering Tip 3.2 mm Chisel
	LT D Soldering Tip 4.6 mm Chisel
	LT K Soldering Tip 1.2 mm Chisel Long
	LT L Soldering Tip 2.0 mm Chisel Long
	LT M Soldering Tip 3.2 mm Chisel Long
	LT 4 Soldering Tip 1.2 mm Sloped
	LT F Soldering Tip 1.2 mm Sloped
	LT 1 Soldering Tip 0.25 mm Round
	LT GW SMD Soldering Tip

	LT AS Soldering Tip 1.6 mm Round
	LT CS Soldering Tip 3.2 mm Round
	LT BB Soldering Tip 2.4 mm 60° Sloped
	LT CC Soldering Tip 3.2 mm 60° Sloped
	LT 4X Round Bent Soldering Tip 1.2 mm dia
	LT AX Chisel Bent Soldering Tip 1.6 mm
	LT 1S Soldering Tip 0.2 mm Round Slim
	LT 1SC Soldering Tip 0.4 mm Round Slim
	LT 1L Soldering Tip 0.2 mm Conical Long
	LT S Soldering Tip 0.4 mm Conical Long
	LT O Soldering Tip 0.8 mm Conical Long

Spare parts, normally available ex-stock, for WSP 80 Soldering Pencil



Part Number	Description
587 447 11	Heating Element with Sensor
587 447 10	Nut & Barrel Assembly
587 447 13	Cord with Plug
587 447 12	Handle

Note: We have listed commonly used spare parts. We can normally supply any spare part for this Weller Soldering Station.

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Warranty is 6 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering/Desoldering/Hot Air Tips, Cleaning Sponges, Cleaning Brass Wool